Xiaomi BHR4457GL

Xiaomi Mi 360° Home Security Camera 2K User Manual

Model: BHR4457GL

INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your Xiaomi Mi 360° Home Security Camera 2K. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

The Xiaomi Mi 360° Home Security Camera 2K is designed to provide enhanced home surveillance with its advanced features. It offers 2K ultra-clear HD resolution for detailed imaging, a wide 360° panoramic view, and enhanced infrared night vision for clear monitoring in low-light conditions. The camera also includes AI human detection to minimize false alarms and supports two-way audio communication.

Image: Front view of the Xiaomi Mi 360° Home Security Camera 2K, highlighting its design and lens.

Key Features:

- **2K Ultra-Clear HD:** Captures highly detailed images with 2304 × 1296 resolution.
- **F1.4 Large Aperture:** Allows more light for clear pictures in low-light environments.
- **Upgraded 6P Lens:** Reduces light refraction for clearer, more detailed images.
- **Enhanced Infrared Night Vision:** 940-nm infrared light provides clear images without visible red glow, even in very low light.
- **AI Human Detection:** Advanced algorithms filter false alarms, improving accuracy.
- **360° Panoramic View:** Motorized pan and tilt for comprehensive coverage.
- **Two-Way Audio:** Enables communication through the camera.
- **Micro SD Card Storage:** Supports local storage up to 32 GB.

PACKAGE CONTENTS

Upon opening the package, verify that all the following items are included:

- Xiaomi Mi 360° Home Security Camera 2K ×1

- User Manual ×1
- Power cable ×1
- Wall mount accessories package ×1

Note: A power adapter is not included in the package and must be prepared separately.

SPECIFICATIONS

Image: Xiaomi Mi 360° Home Security Camera 2K showing its approximate dimensions.

Specification	Value
Product Model No.	MJSXJ09CM (BHR4457GL)
Product Net Weight	310 g (10.9 oz)
Power Input	5V=2A
Working Temperature	-10°C to 50°C (14°F to 122°F)
Aperture	F1.4
Lens Angle	110°
Resolution	2304 × 1296 (2K HD)
Product Dimensions	115 × 78 × 78 mm (4.53 × 3.07 × 3.07 inches)
Video Encoding	H.265
Compatible OS	Android 4.4 or iOS 9.0 and above
Storage	Micro SD card (up to 32 GB supported)
Wireless Connection	Wi-Fi IEEE 802.11b/g/n 2.4GHz
Field of View	360 Degrees (Pan/Tilt)
Special Feature	Night Vision, AI Human Detection

SETUP

Follow these steps to set up your Xiaomi Mi 360° Home Security Camera 2K:

1. **Power Connection:** Connect the provided power cable to the camera and then to a compatible 5V=2A power adapter (not included). Plug the adapter into a power outlet. The camera will power on and begin initialization.

2. **Download Mi Home App:** Scan the QR code on the camera's packaging or user manual, or search for "Mi Home" in your device's app store (Google Play Store for Android, Apple App Store for iOS). Download and install the app.

3. **Create/Log In to Mi Account:** Open the Mi Home app and either create a new Mi account or log in with an existing one.

4. **Add Device:** In the Mi Home app, tap the "+" icon in the top right corner to add a new device. Select "Xiaomi Mi 360° Home Security Camera 2K" from the list of available devices.

5. **Connect to Wi-Fi:** Follow the on-screen prompts in the app to connect the camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi password is correct. The camera will indicate when it is ready for connection (e.g., a voice prompt).

6. **Scan QR Code:** The app will display a QR code. Hold your camera's lens towards your phone screen to scan the QR code. The camera will confirm successful scanning.

7. **Micro SD Card Installation (Optional):** For local video storage, insert a Micro SD card (up to 32 GB, Class 10 or higher recommended) into the designated slot on the camera. Ensure the camera is powered off before inserting or removing the card.

8. **Mounting (Optional):** Use the included wall mount accessories to install the camera on a wall or ceiling if desired. Ensure the mounting surface is stable and secure.

Image: The camera positioned on a surface, ready for use.

OPERATING THE CAMERA

Once set up, you can control and monitor your camera using the Mi Home app:

- **Live View:** Open the Mi Home app and select your camera from the device list to access the live video feed.

- **Pan & Tilt Control:** Use the directional controls within the app to remotely rotate the camera horizontally (360°) and vertically for a comprehensive view of your space.

- **Two-Way Audio:** Tap the microphone icon in the app to speak through the camera, and listen to audio from the camera's surroundings.

- **Recording & Playback:**
  - **Manual Recording:** Tap the record button in the live view to manually start and stop video recording.
  - **Event Recording:** The camera automatically records when motion or human detection is triggered (if enabled in settings).
  - **Playback:** Access recorded footage from the timeline or event list within the app.

- **Night Vision:** The camera automatically switches to infrared night vision in low-light conditions. You can also manually toggle this feature in the app settings.

- **Motion Detection & Alerts:**
  - Enable motion detection and AI human detection in the app settings to receive notifications on your smartphone when activity is detected.
  - Adjust sensitivity levels and set detection zones to optimize alerts.

- **Privacy Mode:** If available, activate privacy mode in the app to physically rotate the camera lens inward, ensuring privacy when not monitoring.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera:

- **Cleaning:**
  - Gently wipe the camera lens and body with a soft, dry, lint-free cloth.
  - Do not use harsh chemicals, cleaning solvents, or aerosol sprays, as they may damage the camera.

- **Software Updates:** Periodically check for firmware updates through the Mi Home app. Keeping the firmware updated ensures you have the latest features and security enhancements.

- **Environmental Conditions:**
  - Operate the camera within the specified temperature range (-10°C to 50°C).
  - Avoid exposing the camera to extreme humidity, direct water, or dusty environments.
  - Do not place the camera near heat sources or in direct sunlight for extended periods.

- **Micro SD Card Management:** If using a Micro SD card, regularly back up important footage. The camera may automatically overwrite older footage when the card is full.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Solution
Cannot connect to Wi-Fi / "Ready for connection" loop	- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi. - Verify the Wi-Fi password is entered correctly in the Mi Home app. - Place the camera closer to your Wi-Fi router during setup. - Reset the camera (refer to the app or a specific reset button on the camera, usually a small pinhole) and try the setup process again. - Ensure your phone is connected to the same 2.4GHz Wi-Fi network during setup.

Problem	Possible Solution
Camera frequently disconnects	- Check Wi-Fi signal strength at the camera's location. If weak, consider a Wi-Fi extender or repositioning the camera/router. - Ensure there are no physical obstructions or strong interference sources (e.g., microwaves, cordless phones) near the camera or router. - Restart your Wi-Fi router. - Update the camera's firmware via the Mi Home app.
Poor image quality (blurry, dark)	- Clean the camera lens gently with a soft cloth. - Ensure adequate lighting in the environment. For low light, verify night vision is active. - Check your internet connection speed. A slow connection can affect streaming quality.
False alarms from motion detection	- Adjust the motion detection sensitivity in the Mi Home app settings. - Define specific detection zones to exclude areas with frequent irrelevant motion (e.g., trees swaying outside a window). - Ensure AI human detection is enabled to filter out non-human movements.
Micro SD card not recognized or recording	- Ensure the Micro SD card is inserted correctly and fully. - Verify the card is formatted correctly (usually FAT32). You might need to format it via the Mi Home app or on a computer. - Check if the card is damaged or faulty. Try a different Micro SD card. - Ensure the card capacity does not exceed 32 GB.

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Xiaomi website for detailed terms and conditions applicable to your region. For technical support, product inquiries, or service requests, please contact Xiaomi customer service through their official support channels or the Mi Home app's help section.

Note: This manual is for informational purposes. Product specifications and features may be subject to change without prior notice.

IMPORTANT SAFETY INFORMATION

- Do not disassemble, repair, or modify the camera yourself.
- Use only the specified power adapter and cable.
- Keep the camera away from water and other liquids.
- Avoid placing the camera in direct sunlight or near heat sources.
- Ensure the camera is installed securely to prevent it from falling.

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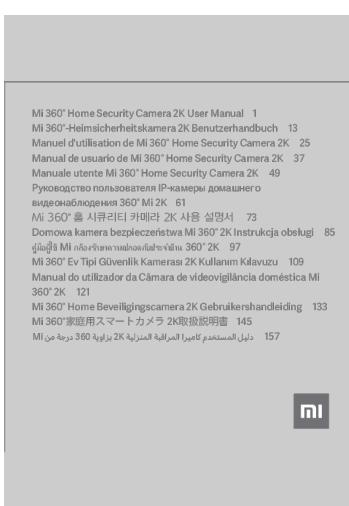
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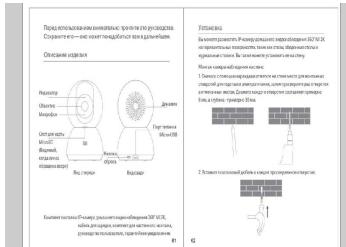
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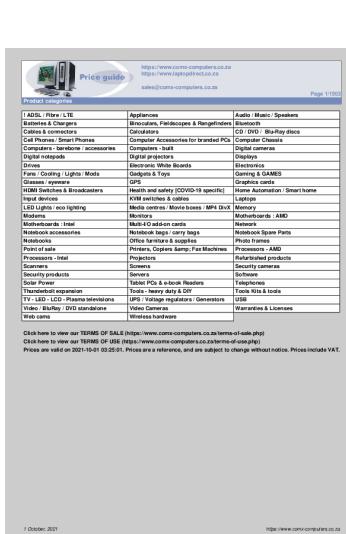
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